



SPYWOLF

Security Audit Report



Completed on
November 24, 2022

MADE IN USA 

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **Web3 Finance** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Web3 Finance



PROJECT DESCRIPTION

According to their website:

Web3Finance is a token which interest rebase rewards are paid. Every holder automatically receives 0.018% in 10 minutes. All you need to do is just to hold W3F tokens in your own wallet.

Release Date: Presale starts in November 25, 2022

Category: Rebase token



CONTRACT INFO

Token Name
W3F

Symbol
W3F

Contract Address

0x7A9f3e2371C995dC64bf5064e2F5918E271a48F7

Network

Binance Smart Chain

Language

Solidity

Deployment Date

Nov 24, 2022

Verified?

Yes

Total Supply

1,000,000,000

Status

Not launched

TAXES

Buy Tax

6%

Sell Tax

8%

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of November 18, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	4
Uniq Senders	2
Uniq Receivers	4
Total Amount	2000275252.4 W3F
Median Transfer Amount	514275252.4 W3F
Average Transfer Amount	500068813.1 W3F
First transfer date	2022-11-24
Last transfer date	2022-11-24
Days token transferred	1

SMART CONTRACT STATS

Calls Count	17
External calls	8
Internal calls	9
Transactions count	10
Uniq Callers	5
Days contract called	1
Last transaction time	2022-11-24 14:23:46 UTC
Created	2022-11-24 14:02:16 UTC
Create TX	0x2a51791b9f5e4de39bc8517fecc1636443648ef69b27252d4c89e5750c362483
Creator	0xf08585b95f7591c3dbd7fc9828f7577241034b75



FEATURED WALLETS

Owner address	0x477bbef7f0e473912925c3247180831c8cdafe16
Treasury receiver	Same as owner
Auto liquidity receiver	0x9dF29edd6400E3dD46c246b002f9bDf2e265D5Fa
Clock insurance fund receiver	0x0Ae22D19487Bb2280Caf224bc2df985990F9570F
Fire pit	0xf4d970c7EaC01d8a46415096fE3C4284796A2280
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS



*Tokens are not distributed yet



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

This is rebase token with dynamic supply up to 1,000,000,000,000

Current supply is 1,000,000,000

This can lead in significant token price inflation in future.

```
uint256 private constant INITIAL_FRAGMENTS_SUPPLY = 1000 * 10**6 * 10**DECIMALS;
uint256 private constant MAX_SUPPLY = 1000 * 10**9 * 10**DECIMALS;

function setAutoRebase(bool _flag) external onlyOwner {
    if (_flag) {
        _autoRebase = _flag;
        _lastRebasedTime = block.timestamp;
    } else {
        _autoRebase = _flag;
    }
}
```

Owner can exclude address from fees.

```
function setWhitelist(address _addr) external onlyOwner {
    _isFeeExempt[_addr] = true;
}
```

Owner can change fees receiver addresses.

```
function setFeeReceivers(
    address _autoLiquidityReceiver,
    address _treasuryReceiver,
    address _clockInsuranceFundReceiver,
    address _firePit
) external onlyOwner {
    autoLiquidityReceiver = _autoLiquidityReceiver;
    treasuryReceiver = _treasuryReceiver;
    clockInsuranceFundReceiver = _clockInsuranceFundReceiver;
    firePit = _firePit;
}
```



Informational

Owner can turn on/off auto liquidity add.
In order to add initial liquidity, auto liquidity should be turned off, otherwise the transaction fails.

```
function setAutoAddLiquidity(bool _flag) external onlyOwner {  
    if(_flag) {  
        _autoAddLiquidity = _flag;  
        _lastAddLiquidityTime = block.timestamp;  
    } else {  
        _autoAddLiquidity = _flag;  
    }  
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

- 1 Consider fundamental tradeoffs
- 2 Be attentive to blockchain properties
- 3 Ensure careful rollouts
- 4 Keep contracts simple
- 5 Stay up to date and track development

PROJECT NAME

GOOD PRACTICES FOUND

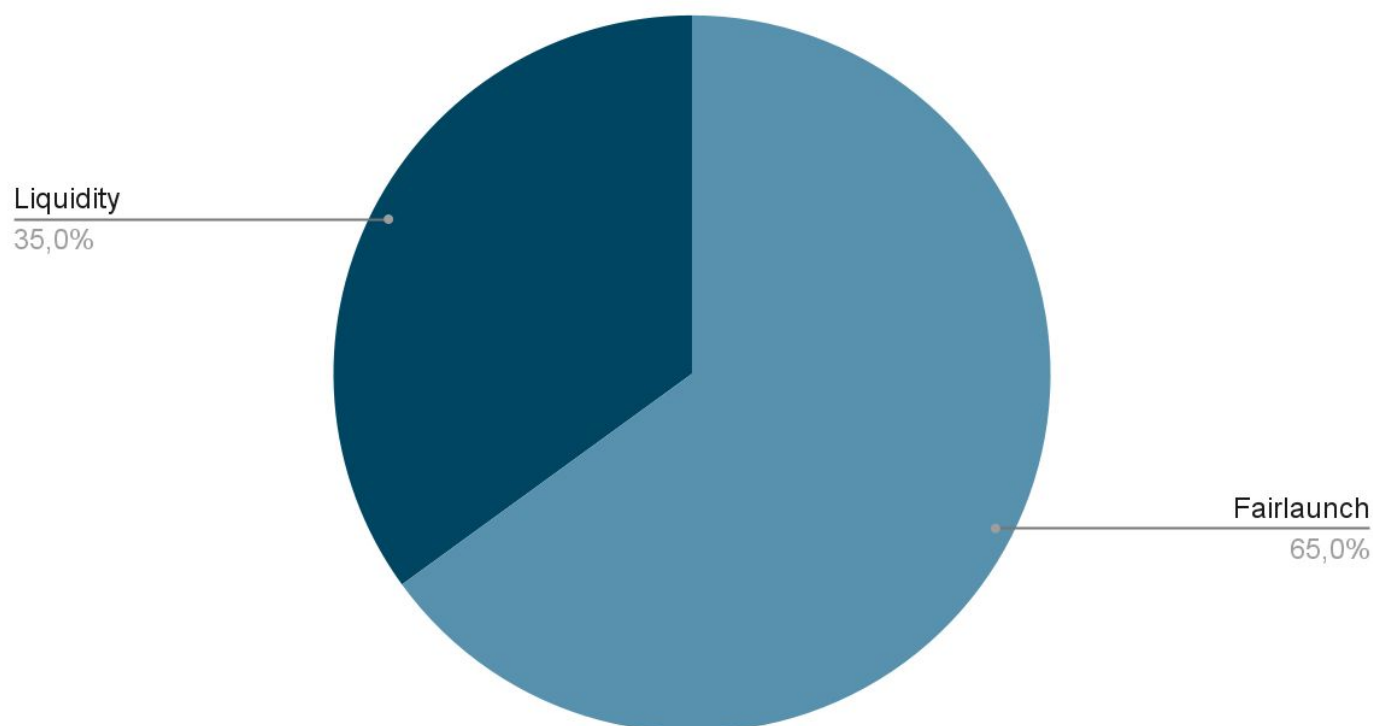
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 65% - Fairlaunch
- 35% - Liquidity

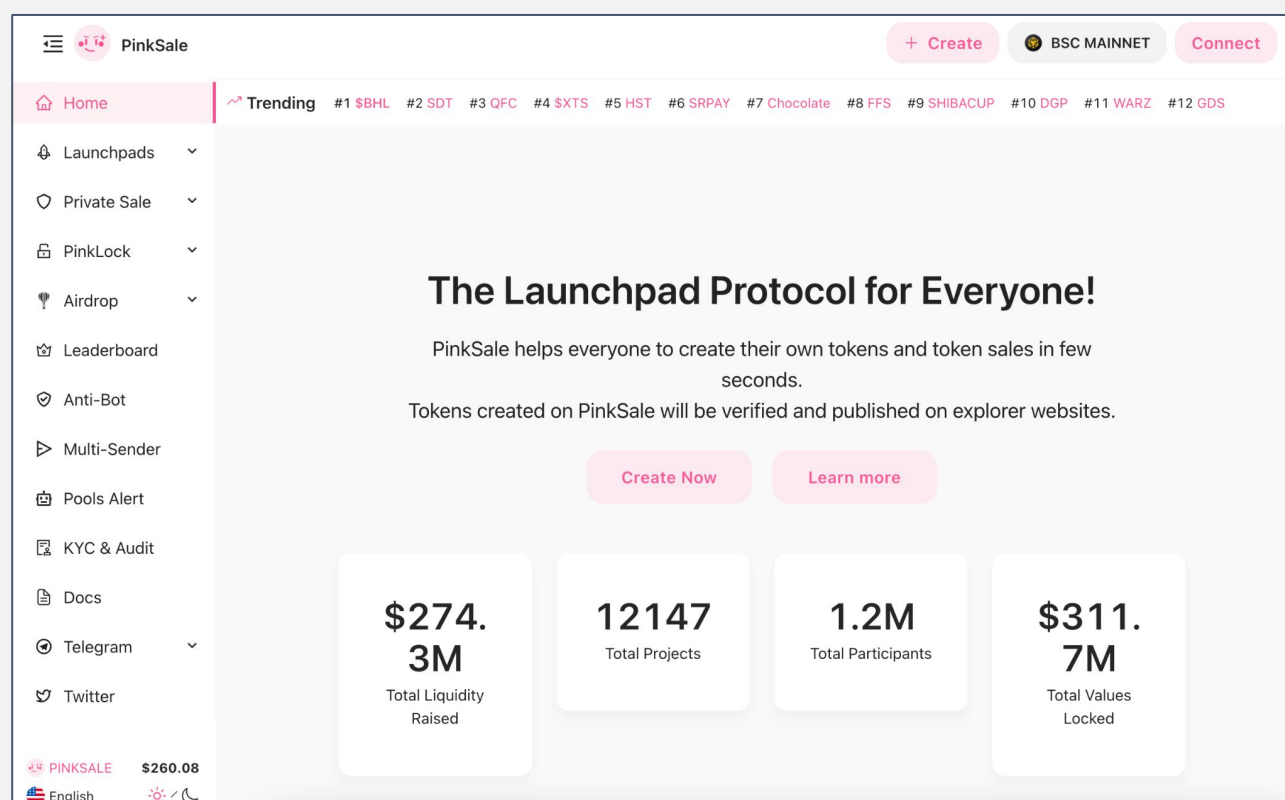
Tokens distribution



TOKENOMICS



The team has privately doxxed
to PINKSALE





WEBSITE

Website URL

<https://web3finance.me/>

Domain Registry

<https://www.dynadot.com>

Domain Expiration

Expires on 2023-03-26

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Very nice color scheme and overall layout.

Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper

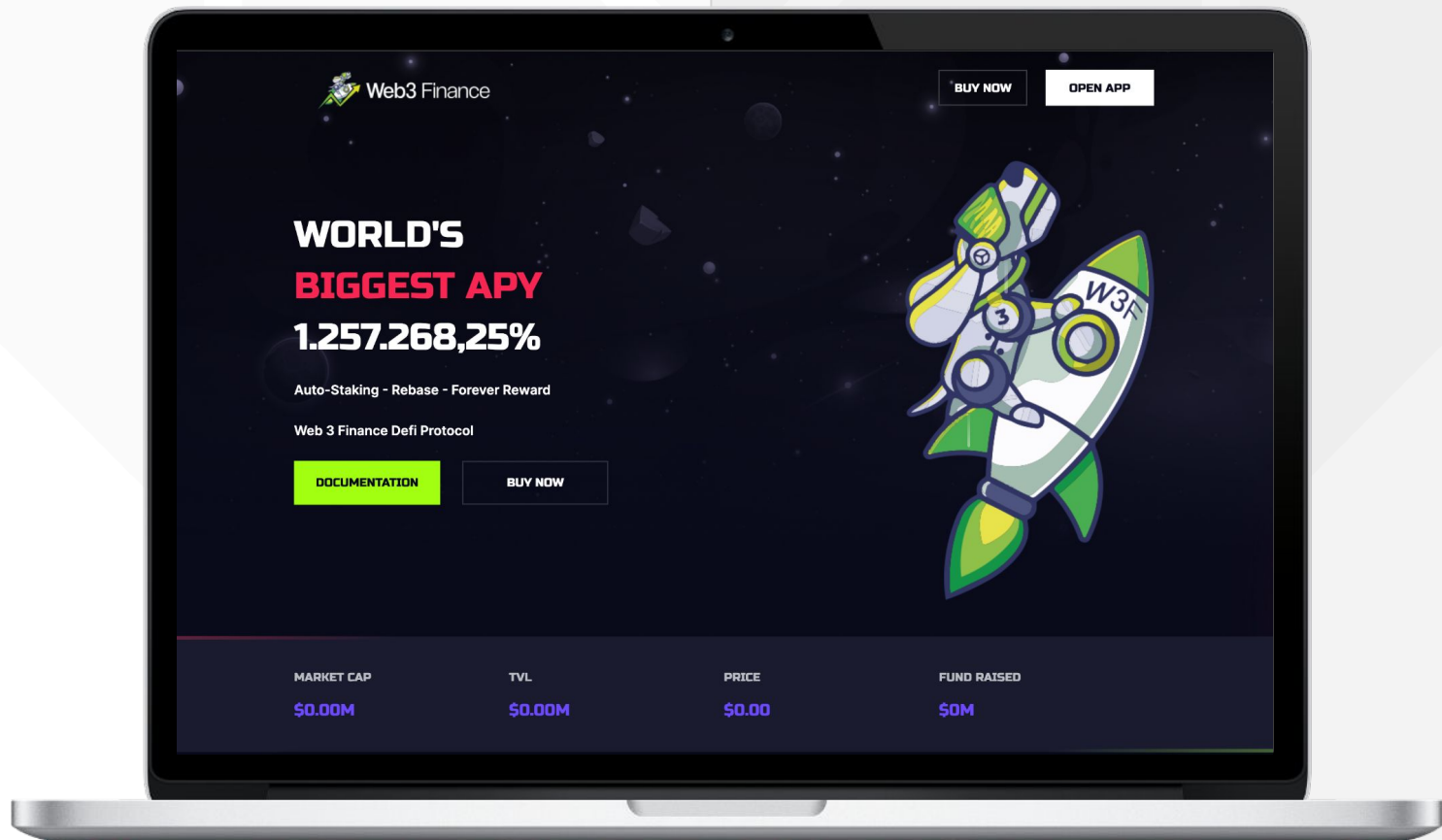
Well written but a bit short

Roadmap

Yes, goals set without time frames

Mobile-friendly?

Yes



web3finance.me



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

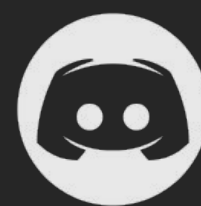
Project's social media activity is heavily botted with fake 'real' members with little to none organic activity



Twitter

@web3financeme

- 2 652 followers
- Active
- The account was dormant for few months then activity increases since late September



Discord

- Not available



Telegram

@web3financeme

- 1 267 members, botted ⚠️
- No active mods ⚠️
- Botting activity from members ⚠️



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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- ✓ MORE THAN 500 SCAMS EXPOSED
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.